

4.2.P. 08010205160.



Figure 4-76. Location of Subwatershed 08010205160. All South Fork Forked Deer HUC-14 subwatershed boundaries are shown for reference.

4.2.P.i. General Description.

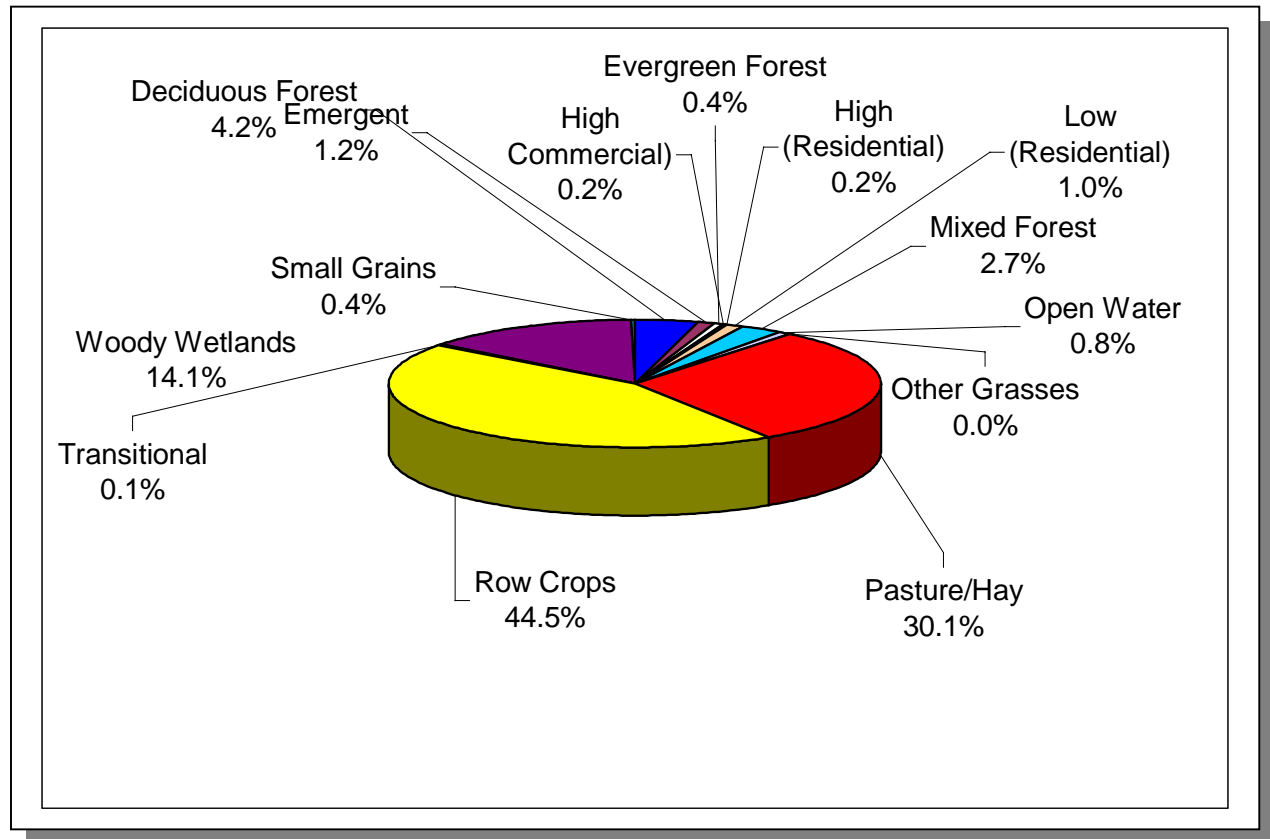


Figure 4-77. Land Use Distribution in Subwatershed 08010205160. More information is provided in SFFD-Appendix IV.

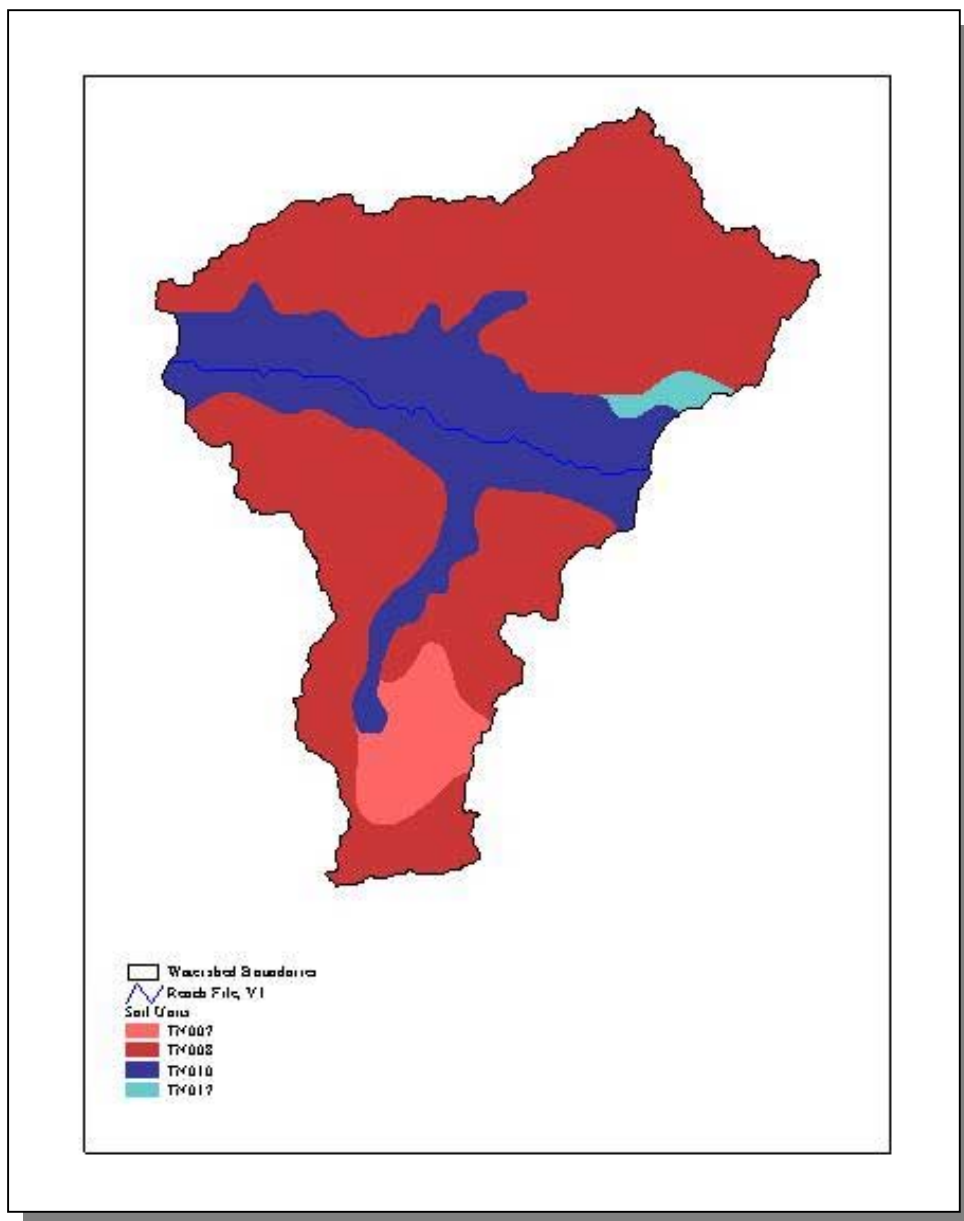


Figure 4-78. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205160.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN007	36.00	C	1.30	5.36	Silty Loam	0.48
TN008	11.00	C	1.38	5.20	Silty Loam	0.48
TN010	92.00	C	1.33	5.11	Silty Loam	0.44
TN017	0.00	B	1.81	5.26	Silty Loam	0.45

Table 4-84. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205160. More details are provided in SFFD-Appendix IV.

	TOTAL COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Crockett	13,378	13,841	7.98	1,068	1,105	3.5
Haywood	19,437	19,709	2.33	452	459	1.5
Madison	77,982	84,942	5.07	3,951	4,303	8.9
Totals	110,797	118,492		5,471	5,867	7.2

Table 4-85. Population Estimates in Subwatershed 08010205160.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Bells	Crockett	1,643	676	651	21	4

Table 4-86. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 08010205160.



Figure 4-79. Location of STORET Stations in Subwatershed 08010205160. More information is provided in SFFD-Appendix IV.

4.2.P.ii Point Source Contributions.



Figure 4-80. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 08010205160. More information, including the names of facilities, is provided in SFFD-Appendix IV.

4.2.P.ii.a. Dischargers to Waterbodies Listed on the 1998 303(d) List.

There are three NPDES facilities discharging to water bodies listed on the 1998 303(d) list in Subwatershed 06010208160:

- TN0022519 discharges to Panther Creek @ RM 6.9 and to a tributary of Panther Creek @ RM 6.9
- TN0023230 discharges to RM 0.6 of a tributary to Panther Creek @ RM 6.9
- TN0055786 discharges to a Wet Weather Conveyance to RM 2.9 of a Tributary to SFFD @ RM 35.8



Figure 4-81. Location of NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205160. The names of facilities are provided in SFFD-Appendix IV.

PERMIT #	7Q10	1Q20	30Q2	QDESIGN	QLTA
TN0022519	0	0	0	0.02	0.0126
TN0023230	0	0	0		0.007
TN0055786	0	0	0		1.1

Table 4-87. Receiving Stream Flow Information for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205160. Data are in million gallons per day (MGD). Data were calculated using data in Flow Duration and Low Flows of Tennessee Streams Through 1992.

PERMIT #	CBOD ₅	NH ₃	FECAL	WET
TN0022519	X	X	X	

Table 4-88. Monitoring Requirements for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205160.

PERMIT #	TSS	pH	CBOD ₅	FECAL	DO	DURATION
TN0222519	9	3	23	10	92	07/95-08/96

Table 4-89. Number of Permit Violations Based on DMR Data for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205160.

4.2.P.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Milk Cow	Cattle	Chickens	Hogs	Sheep
521	<5	1,784	<5	769	5

Table 4-90. Summary of Livestock Count Estimates in Subwatershed 08010205160. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

CROP	TONS/ACRE/YEAR
Corn (Row Crops)	9.51
Soybeans (Row Crops)	10.23
Cotton (Row Crops)	12.99
Grass (Hayland)	1.30
Grass (Pastureland)	0.57
Grass, Forbs, Legumes (Mixed Pasture)	1.67
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.42
Other Land in Farms	0.12
Conservation Reserve Program Land	0.61
Forest Land (Grazed)	0.00
Non Agricultural Land Use	0.00
Sorghum (Row Crops)	4.02
Other Vegetable and Truck Crops	6.70
All Other Close Grown Cropland	1.27
Other Cropland not Planted	1.81
Fruit (Horticultural)	0.76
Wheat (Close Grown Cropland)	3.53

Table 4-91. Annual Estimated Total Soil Loss in Subwatershed 08010205160.